GRF Errors Corrocted by the STIC Systems Branch CRF Procossing Dato: _ & Edited by: Sorkal Numbor:_ Vorthod by: 1 Changed a file from non-ASCII to ASCI Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was

the prior application data; or
other Added the mandatory heading and subheadings for "Current Application Data". Edited the 'Number of Sequences' field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: , . . Deleted extra, invalid, headings used by an applicant, specifically: Deleted: ___non-ASCII *garbage* at the beginning/end of files; ____ secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as ____ Inserted mandatory headings, specifically: _ Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Pago Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected: replaced (1407 and (14/7 (Refora) with (1507 and (1577

'Examiner: The above corrections must be communicated to the applicant in the first Office 2/1/95

Action. DO NOT send a copy of this form.

1

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\1576101.raw

```
3 <110> APPLICANT: Suhrbier, Andreas
        Thomson, Scott Anthony
        Khanna, Rajiv
5
        Burrows, Scott Renton
 6
        Coupar, Barbara Elizabeth Howieson
7
        Moss, Denis James
10 <120> TITLE OF INVENTION: Polyepitope Vaccines
12 <130> FILE REFERENCE: FBRC:004USC1
14 <140> CURRENT APPLICATION NUMBER: 09/576,101
15 <141> CURRENT FILING DATE: 2000-05-22
17 <150> PRIOR APPLICATION NUMBER: 08/776,337
18 <151> PRIOR FILING DATE: 1997-01-27
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 9
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
 31
 33 <400> SEQUENCE: 1
 34 Ala Ser Asn Glu Asn Met Asp Ala Met
 35
    1
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 10
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
 47 <400> SEQUENCE: 2
 48 Asp Thr Pro Leu Ile Pro Leu Thr Ile Phe
  49 1
  52 <210> SEQ ID NO: 3
  53 <211> LENGTH: 9
  54 <212> TYPE: PRT
  55 <213> ORGANISM: Artificial Sequence
  58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
  57 <220> FEATURE:
           Peptide
  61 <400> SEQUENCE: 3
  62 Glu Glu Gly Ala Ile Val Gly Glu Ile
  66 <210> SEQ ID NO: 4
  67 <211> LENGTH: 10
  68 <212> TYPE: PRT
```

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\1576101.raw

```
69 <213> ORGANISM: Artificial Sequence
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
         Peptide
73
75 <400> SEQUENCE: 4
76 Glu Glu Asn Leu Leu Asp Phe Val Arg Phe
                     5
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 9
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
        Peptide
87
89 <400> SEQUENCE: 5
90 Phe Ala Pro Gly Asn Tyr Pro Ala Leu
                      5
 91 1
 94 <210> SEQ ID NO: 6
 95 <211> LENGTH: 9
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial Sequence
 100 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
 101
 103 <400> SEQUENCE: 6
 104 Phe Leu Arg Gly Arg Ala Tyr Gly Leu
                      5
 108 <210> SEQ ID NO: 7
 109 <211> LENGTH: 9
 110 <212> TYPE: PRT
 111 <213> ORGANISM: Artificial Sequence
  114 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
  115
  117 <400> SEQUENCE: 7
  118 His Leu Ala Ala Gln Gly Met Ala Tyr
  119 1
  122 <210> SEQ ID NO: 8
  123 <211> LENGTH: 9
  124 <212> TYPE: PRT
  125 <213> ORGANISM: Artificial Sequence
  128 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
            Peptide
  129
  131 <400> SEQUENCE: 8
  132 Ile Val Thr Asp Phe Ser Val Ile Lys
   133 1
   136 <210> SEQ ID NO: 9
   137 <211> LENGTH: 9
```

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\1576101.raw

```
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
         Peptide
143
145 <400> SEQUENCE: 9
146 Lys Glu His Val Ile Gln Asn Ala Phe
                     - 5
147 1
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 97
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
156 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
 157
 160 Met Ser Thr Asn Ser Phe Leu Arg Gly Arg Ala Tyr Gly Leu Gln Ala
 163 Lys Trp Arg Leu Gln Thr Leu Glu Glu Asn Leu Leu Asp Phe Val Arg
 166 Phe Ser Val Arg Asp Arg Leu Ala Arg Leu Lys Glu His Val Ile Gln
 164
 169 Asn Ala Phe Tyr Pro Leu His Glu Gln His Gly Met His Leu Ala Ala
                                  40
 172 Gln Gly Met Ala Tyr Asp Thr Pro Leu Ile Pro Leu Thr Ile Phe Ile
 175 Val Thr Asp Phe Ser Val Ile Lys Asn Asn Leu Val Ser Gly Pro Glu
                          70
 176
 178 His
  182 <210> SEQ ID NO: 11
  183 <211> LENGTH: 9
  184 <212> TYPE: PRT
  185 <213> ORGANISM: Artificial Sequence
  188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
           Peptide
  191 <400> SEQUENCE: 11
  192 Gln Ala Lys Trp Arg Leu Gln Thr Leu
  193 1
  196 <210> SEQ ID NO: 12
  197 <211> LENGTH: 9
   198 <212> TYPE: PRT
   199 <213> ORGANISM: Artificial Sequence
   202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
             Peptide
   205 <400> SEQUENCE: 12
   206 Arg Pro Gln Ala Ser Gly Val Tyr Met
   207 1
```

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\I576101.raw

```
210 <210> SEQ ID NO: 13
211 <211> LENGTH: 8
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
216 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
219 <400> SEQUENCE: 13
220 Ser Asp Tyr Glu Gly Arg Leu Ile
221 1
224 <210> SEQ ID NO: 14
225 <211> LENGTH: 10
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
 230 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
           Peptide
 231
 233 <400> SEQUENCE: 14
 234 Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile
 235 1
 238 <210> SEQ ID NO: 15
 239 <211> LENGTH: 9
 240 <212> TYPE: PRT
 241 <213> ORGANISM: Artificial Sequence
  244 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
           Peptide
  245
  247 <400> SEQUENCE: 15
  248 Ser Ile Ile Asn Phe Glu Glu Lys Leu
  249 1
  252 <210> SEQ ID NO: 16
  253 <211> LENGTH: 8
  254 <212> TYPE: PRT
  255 <213> ORGANISM: Artificial Sequence
  258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
            Peptide
  259
   261 <400> SEQUENCE: 16
   262 Ser Ile Ile Asn Phe Glu Lys Leu
                         5
   263 1
   266 <210> SEQ ID NO: 17
   267 <211> LENGTH: 9
   268 <212> TYPE: PRT
   269 <213> ORGANISM: Artificial Sequence
   272 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
             Peptide
    273
   275 <400> SEQUENCE: 17
    276 Ser Val Arg Asp Arg Leu Ala Arg Leu
```

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\I576101.raw

```
1
277
280 <210> SEQ ID NO: 18
281 <211> LENGTH: 9
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
          Peptide
287
289 <400> SEQUENCE: 18
290 Ser Tyr Ile Pro Ser Ala Glu Lys Ile
     1
291
294 <210> SEQ ID NO: 19
 295 <211> LENGTH: 8
 296 <212> TYPE: PRT
 297 <213> ORGANISM: Artificial Sequence
 300 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
           Peptide
 301
 303 <400> SEQUENCE: 19
 304 Thr Tyr Gln Arg Thr Arg Ala Leu
      1
  308 <210> SEQ ID NO: 20
  309 <211> LENGTH: 9
  310 <212> TYPE: PRT
  311 <213> ORGANISM: Artificial Sequence
  314 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
            Peptide
  315
  317 <400> SEQUENCE: 20
  318 Thr Tyr Gln Arg Thr Arg Ala Leu Val
                        5
  319 1
  322 <210> SEQ ID NO: 21
   323 <211> LENGTH: 9
   324 <212> TYPE: PRT
   325 <213> ORGANISM: Artificial Sequence
   328 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
             Peptide
   329
   331 <400> SEQUENCE: 21
   332 Tyr Pro His Phe Met Pro Thr Asn Leu
   333 1
    336 <210> SEQ ID NO: 22
    337 <211> LENGTH: 9
    338 <212> TYPE: PRT
    339 <213> ORGANISM: Artificial Sequence
    342 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
              Peptide
    343
    345 <400> SEQUENCE: 22
```

VERIFICATION SUMMARY PATENT APPLICATION: US/09/576,101 DATE: 08/09/2001

TIME: 17:05:30

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08092001\I576101.raw